

18 August 1983

Dr. Davis' Recommendations

- o DDCI anticipate potential questions on possibility that computers processing intelligence information could be accessed like the Los Alamos case. Questions most likely to come from:
  - White House
  - NSC
  - Congress
  - Press
- o DDCI take the initiative and talk to:
  - SEC DEF
  - Judge Clark
- o DDCI inform these officials that:
  - Intelligence Community is fully aware of what happened at Los Alamos via a briefing to COMPUSEC project team by Chief Computer Security, Los Alamos, last Friday (day that story appeared in press).
  - Los Alamos case did not pose any new problems that the COMPUSEC project team had not identified as potential security vulnerabilities.
  - DDCI has personally sponsored a joint DOD/IC computer project since last April to focus on multiple and varied computer security efforts under a one-year project designed to provide a long term effective computer security program which will ensure that intelligence information processed in computers will not be compromised.

## OVERVIEW OF LOS ALAMOS CASE

- o Briefing by Dr. Lara Baker, Chief of Computer Security OPSEC team at Los Alamos. Head of 3 to 5 full time computer experts who perform "penetrations" as part of an effort to continuously maintain an appropriate level of security.
- o Sensitivity of discussing case since indictment is pending and case is still under investigation by FBI.
- o Summary of processing capabilities at Los Alamos
  - Several computers; more than NSA; 6 Crays
  - Three (3) processing centers:
    - like Ruffing Center and All Star
    - SECRET CNWDI Center; Admin Center; UNCLASS Center
    - dial-up capability only into UNCLASS Center
    - computers linked via local network such that classified users can get access to Admin & UNCLASS Centers; but not vice versa
- o Summary of Incident
  - Current policies and procedures of Los Alamos Computer Security Program would have prevented the incident if they had been followed.
  - New group of computers in UNCLASS Center installed under short deadline conditions and were to be made available via dial up capability.
  - Security procedures required two things that were not completed
    - dial-up access via "secure" communications computer not followed
    - system password not changed before operations began (analysis to security officer not changing 75-25-50 combo on his "master safe")
  - Kids accessed via TELNET from Milwaukee, got telephone number from electric bulletin board.
  - Used USERID and master password to get in.
  - Had system privileges; able to develop their own passwords.

- Developed their own USERID and password.
  - JOSHUA and Jehovah
  - JOSHUA star computer in movie "War Games"
  - Would have been monthly check; security officer caught problem within 20 minutes

# OVERVIEW OF LOS ALAMOS COMPUTING FACILITIES

